ABSTRACT OF THE DISCLOSURE

Methods and systems consistent with the present invention provide an improved software development tool that simplifies a graphical representation of software code for a developer. The software development tool provides the developer with a more coherent,

5   manageable, and abstract graphical view of the project model, and facilitates the developer in graphically debugging and editing the associated software code. The improved software development tool detects a group of related elements in the code, and collapses a portion of the graphical representation of the code associated with the group of related elements.